Attorney's Docket No.: 111548-136408

PATENT

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled AIR GRATE

the specification of which

X	is attached hereto.	
	was filed on (MM/DD/YYYY)	as
	United States Application Number	
	or PCT International Application Number	
	and was amended on (MM/DD/YYYY)	
	(if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

P17261 INTEL CORPORATION Rev. 11/28/01 (D3 INTEL)

Prior Foreign Application(s	3)		Prior <u>Clain</u>	
(Number)	(Country)	(Foreign Filing Date MM/DD/YYYY)	- Yes	No
(Number)	(Country)	(Foreign Filing Date MM/DD/YYYY)	- Yes	No
(Number) (Country)		(Foreign Filing Date MM/DD/YYYY)	e - Yes	No
I hereby claim the benefit uprovisional application(s) li	under Title 35, United State sted below:	es Code, Section 119(e) of any United	States
Application Number	(Filing Date – M	M/DD/YYYY)		
Application Number	(Filing Date – M	M/DD/YYYY)		
application(s) listed below is not disclosed in the prior of Title 35, United States C known to me to be materia	under Title 35, United State and, insofar as the subject United States application code, Section 112, I acknow I to patentability as defined a available between the filling thate of this application:	matter of each of the in the manner provide vledge the duty to disc in Title 37, Code of F	claims of this ap d by the first para close all informat ederal Regulatio	plication agraph ion ons,
Application Number	(Filing Date – MM/DD/	•	tented, ending, abandon	
Application Number	(Filing Date – MM/DD/	,	tented, ending, abandon	

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Please direct all correspondence to <u>customer number 0025943.</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Joint/Fi	rst Inventor: Krick, David	, T	<u>.</u>			
Inventor's Signature	DITIL	1	Date	MARCH	10	2004
Residence: Hillsbore	Oregon SLINGERL	<u>คอง NT</u> Citizensl	hip: <u>US</u>			
	(City, State)			(Coun	try)	
Post Office Address:	18800 Camelot Ln	406 VESPE				
	Hillsbere, OR 97123	SLINGERI	ANDS	NY 1215	٩	
				Ş		
Full Name of Joint/Se	econd Inventor: O'Sulliva	n, Joseph F.				
Inventor's Signature _			Date			
Residence: Beaverto	n, Oregon	Citizensł	nip US			
	(City, State)		·	(Coun	try)	
Post Office Address:	18210 SW Salix Ridge					
-	Beaverton, OR 97006					
Full Name of Joint/Th	ird Inventor: West, Micha	ael S.				<u>.</u>
Inventor's Signature _			Date			
Residence: Portland,	Oregon	Citizensh	No US			
	(City, State)		· r <u> </u>	(Count	ry)	
Post Office Address:	7135 SE 18 th Ave					
	Portland, OR 97202					

APPENDIX A

The Practitioners at customer number 000025943; and Alan K. Aldous, Reg. No. 31,905; Rob D. Anderson, Reg. No. 33,826; Shireen I. Bacon, Reg. No. 40,494; Michael Barre, Reg. No. 44,023; Jay P. Beale, Reg. No. 50,901; R. Edward Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert Chang, Reg. No. 48,765; George Chen, Reg. No. 50,807; Glen B. Choi, Reg. No. 43,546; Kenneth Cool, Reg. No. 40,570; Ted A. Crawford, Reg. No. 50,610; Robert Diehl, Reg. No. 40,992; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Christopher Gagne, Reg. No. 36,142; Sharmini N. Green, Reg. No. 41,410; Robert Greenberg, Reg. No. 44,133; Bradley Greenwald, Reg. No. 34,341; Libby Hope, Reg. No. 46,774; Jeffrey B. Huter, Reg. No. 41,086; Seth Z. Kalson, Reg. No. 40,670; Peter Lam. Reg. No. 44,855; Issac Lin. Reg. No. 50,672; Anthony Martinez, Reg. No. 44,223; Molly McCall, Reg. No. 46,126; Larry Mennemeier, Reg. No. 51,003; Paul Nagy, Reg. No. 37,896; Michael J. Nesheiwat, Reg. No. 47,819; Dennis A. Nicholls, Reg. No. 42,036; Lanny Parker, Reg. No. 44,281; Alan Pedersen-Giles, Reg. No. 39,996; Michael D. Plimier, Reg. No. 43,004; Michael Proksch, Reg. No. 43,021; Kevin A. Reif, Reg. No. 36,381; Crystal D. Sayles, Reg. No. 44,318; Russell Scott, Reg. No. 43,103; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Ami P. Shah, Reg. No. 42,143; David Simon, Reg. No. 32,756; Steven P. Skabrat, Reg. No. 36,279; Paul E. Steiner, Reg. No. 41,326; Joni D. Stutman-Horn, Reg. No. 42,173; David Tran, Reg. No. 50,804; John F. Travis, Reg. No. 43,203; Robert Wawrzyn, Reg. No. 54,654; Calvin E. Wells, Reg. No. 43,256; Stuart Whittington, Reg. No. 45,215; Michael Willardson, Reg. No. 50,856; Robert Winkle, Reg. No. 37,474; Rita Wisor, Reg. No. 41,382; Sharon Wong, Reg. No. 37,760; and Steven D. Yates, Reg. No. 42,242; my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408)765-8080; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Attorney's Docket No.: 111548-136408

PATENT

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the specification of which

specification	on of which	·
_ <u>X</u> _	is attached hereto. was filed on (MM/DD/YYYY)	as
	United States Application Number	
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P17261 INTEL CORPORATION Rev. 11/28/01 (D3 INTEL)

-1-

Prior Foreign Application(s	3)		Priorit <u>Claim</u>	•
(Number)	(Country)	(Foreign Filing Date MM/DD/YYYY)	- Yes	No
(Number)	(Country)	(Foreign Filing Date MM/DD/YYYY)	- Yes	No
(Number)	(Country)	(Foreign Filing Date MM/DD/YYYY)	Yes	No
I hereby claim the benefit (provisional application(s) li		States Code, Section 119(e) of any United S	States
Application Number	(Filing Date	MM/DD/YYYY)		
Application Number	(Filing Date	MM/DD/YYYY)		
I hereby claim the benefit is application(s) listed below is not disclosed in the prior of Title 35, United States Consort to me to be material Section 1.56 which became or PCT international filing of	and, insofar as the sub United States applicated Code, Section 112, I ac I to patentability as def e available between the	ion in the manner provide knowledge the duty to disc ined in Title 37, Code of F e flling date of the prior ap	claims of this app d by the first para close all information ederal Regulation	lication graph on ns,
Application Number	(Filing Date – MM/	•	tented, ending, abandon	ed
Application Number	(Filing Date – MM/		tented, ending, abandon	ed

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Full Name of Joint/First Inventor: Krick, David T.	
Inventor's Signature	Date
Residence: <u>Hillsboro, Oregon</u> (City, State)	Citizenship: US (Country)
Post Office Address: 18800 Camelot Ln Hillsboro, OR 97123	
Full Name of Joint/Second Inventor: O'Sullivan, Jose	eph F.
Inventor's Signature	Date Standard
Residence: Beaverton, Oregon (City, State)	Citizenship US (Country)
Post Office Address: 18210 SW Salix Ridge Beaverton, OR 97006	
Full Name of Joint/Third Inventor: West, Michael S.	
Inventor's Signature	Date
Residence: Portland, Oregon (City, State)	Citizenship_US (Country)
Post Office Address: 7135 SE 18th Ave Portland, OR 97202	

APPENDIX A

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P17261 INTEL CORPORATION Rev. 11/28/01 (D3 INTEL) 5036139299

APPENDIX B

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P17261 INTEL CORPORATION Rev. 11/28/01 (D3 INTEL) Attorney's Docket No.: 111548-136408 PATENT

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(Number)	(Country)	(Foreign F MM/DD/	iling Date - YYYY)	Yes	No
(Number)	(Country)	(Foreign F MM/DD/	iling Date - YYYY)	Yes	No
(Number)	Number) (Country)		Filing Date - YYYY)	Yes	No
I hereby claim the benefit uprovisional application(s) lis		tates Code, Se	ction 119(e) of ar	ny United	States
Application Number	(Filing Date -	- MM/DD/YYYY	7		
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Application Number	(Filing Date – MM/l	DD/YYYY) S	Status patented, pending	, , abandor	ned
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Full Name of Joint/First Inventor: Krick, David 1.	
Inventor's Signature	Date
Residence: Hillsboro, Oregon (City, State)	Citizenship: US (Country)
Post Office Address: 18800 Camelot Ln Hillsboro, OR 97123	
Full Name of Joint/Second Inventor: O'Sullivan, J	loseph F.
Inventor's Signature	Date
Residence: Beaverton, Oregon (City, State)	Citizenship US (Country)
Post Office Address: 18210 SW Salix Ridge Beaverton, OR 97006	
Full Name of Joint/Third Inventor West, Michael	S.
Inventor's Signature M	Date 3/10/2004
Residence: Portland, Oregon (City, State)	Citizenship US (Country)
Post Office Address: 7135 SE 18 th Ave	115 NATURE TRAIL ACUAE WILL 53403 240/04

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APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.